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PROBABILITY ANALYSIS OF DRY AND WET SPELLS AT SANGLI DISTRICT

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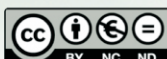


M. K. Patil

ABSTRACT

The study is carried out for weekly rainfall for the period from 1981 to 2012 at ten stations of Sangli District. Markov chain probability model has been used extensively to determine the long-term frequency behaviour of wet and dry weather spells. The probabilities occurrence of two or more dry/wet weeks preceded by dry/wet weeks has been evaluated. The probabilities of two or more consecutive dry/wet weeks have been worked out. Some interesting findings are discussed.

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Introduction

In the present study, the weekly rainfall data from 1981 to 2012 were obtained from India Metrological Department, Pune, recorded at ten stations of Sangli district namely Shirala, Islampur, Kasegaon, Sangli, Miraj, Tasgaon, Jath, Kavathe Mahankal, Palus and Atpadi.

A Good Introduction :-

Depict the significance (importance) of the study - why was this value doing in any case? Give a wide connection. Extremely briefly depict the exploratory configuration and how it achieved the expressed destinations.

Materials

Day wise rainfall data for 32 years, for the period 1981 to 2012 are collected from India Metrological Department, Pune, recorded at ten stations of Sangli district. Here, based on Das and Senapati (1992), it is assumed that the week is wet if it receives 20 mm or more rainfall, otherwise dry. Table 1 gives the standard meteorological weeks.

A Good Materials :-

Materials may be accounted for in a different passage or else they may be distinguished alongside your systems. In biosciences we habitually work with arrangements - allude to them by name and portray totally, including convergences of all reagents, and pH of watery arrangements, dissolvable if non-fluid.

Result

Must add result in your article.

A Good Result :-

Results are as per aims and objective and useful to further research.

Conclusion

We make the comparison of probabilities of dry week, wet week, wet given wet, wet given dry, dry given wet and dry given dry weeks between Shirala and Atpadi station. Above table shows the probability of occurrence of dry week is very high until the end of 23rd week.

A Good Conclusion :-

Choose if the trial outline satisfactorily tended to the speculation, and whether it was legitimately controlled. Attempt to offer option clarifications if sensible options exist.

References

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- G. C. Sharma.,(2011). Probability Analysis of Dry and wet Spells at Hyderabad and Maximum Rainfall Distribution. Int. J. Agricult. Stat. Sci., Vol 7, No. 2, pp. 517-525
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- Pandharinath, N. (1991) Markov chain model of dry and wet weeks during monsoon period over Andhra Pradesh. Mausam, 42(4), 393-400

A Good References :-

There are Places where the Author M. K. Patil Need to Cite a Reference, but Have Not

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers		✓			
2.	Originally & Novelty of the ideas	✓				
3.	Importance of the proposed ideas	✓				
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)		✓			

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REVIEWER COMMENTS

- My remarks here are concerned singularly with the association of the composition.
- Thought of these focuses will, I accept, lead to an enhanced report that better shows the key ideas and conclusions.
- Generally, this is a reasonable, brief, and elegantly composed original copy.
- The presentation is pertinent and hypothesis based.

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